

WHAT IS CLAIMED IS:

1. An electronic circuit unit, comprising:
a circuit board having an upper face on which
5 electronic components are mounted to form a desired
electric circuit and a lower face having a plurality of
first land portions connected to the electric circuit;
and

a connector member disposed at a lower portion of the
10 circuit board;

wherein the connector member has an insulating resin
portion, a metallic shield plate embedded in the
insulating resin portion, and connector terminals which
are provided with first terminals protruding from an
15 upper face of the insulating resin portion and second
terminals protruding from a lower face of the insulating
resin portion; and

wherein the connector terminals are configured such
that the first terminals over the upper face are
20 electrically connected to the first land portions and the
second terminals over the lower face are electrically
connectable to second land portions of a mother substrate.

2. The electronic circuit unit according to Claim 1,
25 wherein the shield plate has a plurality of cutout
portions, and the connector terminals are arranged to
pass through the cutout portions vertically without
contacting the shield plate.

3. The electronic circuit unit according to Claim 1,
wherein the connector member has earth terminals
which are electrically connected to the shield plate, and
5 the earth terminals are electrically connectable to the
second land portions of the mother substrate.

4. The electronic circuit unit according to Claim 1,
wherein the connector terminals are made of metallic
10 plates, and are formed by the second terminals deformably
extending from an outer surface of the insulating resin
portion.

5. The electronic circuit unit according to Claim 1,
15 wherein the first land portions and the first
terminals are soldered.

6. The electronic circuit unit according to Claim 1,
wherein the circuit board includes connecting pieces
20 soldered to the first land portions; the connecting
pieces are made of metallic thin plates; the connecting
pieces have first connections soldered to the first land
portions, second connections soldered to the first
terminals, and legs linking the first and second
25 connections; and the first land portions and the first
terminals are soldered by the legs while they are
separated.